

Amendment and Response

Applicant: Mike Bowen et al.

Serial No.: 10/720,412

Filed: November 24, 2003

Docket No.: 200209250-1

Title: PRINTER SYSTEM HAVING A ROTATABLE INPUT TRAY WITH LENGTH ADJUSTER

IN THE CLAIMS

Please add claim 44 and amend claim 29 as follows:

1. (Original) A printer system comprising:
a tray adapted for use with a printing mechanism, the tray comprising:
a stationary portion adapted to be coupled with the print mechanism,
a rotatable portion rotatably coupled with and extending a first length from the stationary portion, and
a length adjuster slidably coupled with the rotatable portion, the length adjuster being adapted to move along an adjustable length, the adjustable length being greater than the first length of the rotatable portion.
2. (Original) The system of claim 1, wherein the length adjuster is selectively and slidably coupled with the rotatable portion, and the length adjuster is also selectively and slidably coupled with the stationary portion.
3. (Original) The system of claim 1, wherein the rotatable portion includes:
a primary section rotatably coupled with and extending from the stationary portion; and
an extension section slidably coupled to the primary section,
the extension section being adapted to move between a nominal position and an extended position, in which the rotatable portion extends a second length from the stationary portion, the second length being greater than the first length.
4. (Original) The system of claim 3, wherein the length adjuster is selectively and slidably coupled to the extension section.

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5. (Original) The system of claim 4, wherein the length adjuster slides in a direction parallel to the movement of the extension section between the nominal position and the extended position.
6. (Original) The system of claim 3, wherein movement of the extension section between the nominal and extended positions simultaneously moves the length adjuster along the adjustable length.
7. (Original) The system of claim 3, wherein the length adjuster also is selectively and slidably coupled with the stationary portion.
8. The system of claim 3, wherein the adjustable length is longer than the second length.
9. (Original) The system of claim 1, wherein the length adjuster includes a secondary length adjuster.
10. (Original) The system of claim 1, further comprising:
a second tray rotatably coupled with the print mechanism.
11. (Original) The system of claim 10, wherein the second tray is rotatably coupled with the print mechanism via the stationary portion.
12. (Original) An input tray for use with a printer, the input tray comprising:
a stationary portion;
a rotatable portion rotatably coupled with the stationary portion;
a track partially maintained by each of the stationary portion and the rotatable portion;
and
a length adjuster adapted to be slidably secured to the track.

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13. (Original) The input tray of claim 12, wherein the rotatable portion includes:
a primary section rotatably coupled with and extending from the stationary portion; and
an extension section selectively coupled to the primary section, the extension section
being adapted to move between a nominal position, in which the rotatable portion extends a first
length from the stationary portion, and an extended position, in which the rotatable portion
extends a second length from the stationary portion, the second length being greater than the first
length.
14. (Original) The input tray of claim 13, wherein the track is at least partially defined by the
extension section.
15. (Original) The input tray of claim 14, wherein the track extends parallel to the movement
of the extension section between the nominal position and the extended position.
16. (Original) The input tray of claim 14, wherein movement of the extension section
between the nominal and extended positions simultaneously moves the length adjuster.
17. (Withdrawn) An input tray for use with a printer, the input tray comprising:
a primary section rotatably coupled with the printer; and
an extension section slidably coupled with the primary section and adapted to support a
media stack; and
a length adjuster slidably coupled with the extension section.
18. (Withdrawn) The input tray of claim 17, wherein the length adjuster slides in a direction
parallel to the movement of the extension section between a nominal position and an extended
position.
19. (Withdrawn) The input tray of claim 17, wherein sliding of the extension section with
respect to the primary section simultaneously moves the length adjuster.

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20. (Withdrawn) The input tray of claim 17, further comprising a stationary portion coupled to the printer and rotatably coupled with the rotatable portion, wherein the length adjuster is selectively and slidably coupled with the extension section and selectively and slidably coupled with the stationary portion.

21. (Original) A printer system comprising:

a tray to selectively maintain print media, the tray comprising:

a stationary portion coupled to a print mechanism,

a rotatable portion rotatably coupled with and extending a first length from the stationary portion, and

a length adjuster slidably coupled with the rotatable portion, the length adjuster being adapted to move along an adjustable length, the adjustable length being greater than the first length of the rotatable portion; and

wherein print media is advanced from the tray to the print mechanism.

22. (Original) The system of claim 21, further comprising a track partially maintained by each of the rotatable portion and the stationary portion, the length adjuster being slidably coupled with the track.

23. (Original) The system of claim 21, wherein the rotatable portion includes:

a primary section rotatably coupled with and extending from the stationary portion; and

an extension section selectively coupled to the primary section, the extension section being adapted to move between a nominal position, in which the rotatable portion extends a first length from the stationary portion, and an extended position, in which the rotatable portion extends a second length from the stationary portion, the second length being greater than the first length.

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24. (Original) The system of claim 23, further comprising a track at least partially maintained by the extension section, the length adjuster being slidably coupled with the track.
25. (Original) The system of claim 24, wherein the track extends parallel to the movement of the extension section between the nominal position and the extended position.
26. (Original) The system of claim 23, wherein the track is at least partially maintained by the stationary portion.
27. (Original) The system of claim 21, further comprising:
a second tray to selectively receive print media from the print mechanism, the second tray being rotatably coupled with the print mechanism.
28. (Original) The system of claim 21, further comprising:
a second tray to selectively receive print media from the print mechanism, the second tray being rotatably coupled with the stationary portion.
29. (Currently Amended) An input tray for use with a print system, the input tray comprising:
a stationary portion adapted to be coupled with the print mechanism;
a rotatable portion rotatably coupled with and extending a first length from the stationary portion;
a media stop adapted to facilitate maintenance of a media stack within the input tray; and
means for selectively maintaining the media stop at a plurality of positions along an adjustable length to facilitate maintenance of the media stack having one of a plurality of lengths, wherein the adjustable length is greater than the first length, and wherein the plurality of positions includes positions other than positions along the first length.

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30. (Original) The input tray of claim 29, wherein the plurality of length includes lengths in the range of 5 to 14 inches.

31. (Original) The input tray of claim 29, wherein the plurality of lengths includes lengths in which the media stack terminates on the stationary portion.

32. (Original) The input tray of claim 29, wherein the plurality of lengths includes lengths in which the media stack extends past the first length.

33. (Original) An tray for use with a printing mechanism, the tray comprising:
a stationary portion adapted to be coupled with the print mechanism,
a rotatable portion rotatably coupled with and extending a first length from the stationary portion, and
a length adjuster slidably coupled with the rotatable portion, the length adjuster being adapted to move along an adjustable length, the adjustable length being greater than the first length of the rotatable portion, the length adjuster including a secondary length adjuster.

34. (Original) The system of claim 33, wherein the length adjuster includes an interface portion coupled to the rotatable portion of the tray and a media stop extending from the interface portion and adapted to interact with a media stack, the secondary length adjuster being slidably coupled with the interface portion.

35. (Original) The system of claim 33, wherein the secondary length adjuster includes a rotatable, secondary media stop.

36. (Original) The system of claim 35, wherein the length adjuster includes a media stop, and the secondary media stop is adapted to interact with the media stack when the media stack is spaced away from the media stop.

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37. (Original) A method of maintaining a print media stack in a tray, wherein the tray includes a stationary portion, a rotatable portion rotatably coupled with and extending a first length from the stationary portion, and a length adjuster adapted to facilitate maintenance of the media stack within the tray, the method comprising:

adjusting the position of the length adjuster along a track at least partially defined by the rotatable portion to facilitate maintenance of the print media stack having one of a plurality of lengths;

placing the print media stack into the tray,

wherein the length adjuster is adapted to be positioned anywhere along an adjustable length, the adjustable length being longer than the first length of the rotatable portion.

38. (Original) The method of claim 37, wherein the rotatable portion includes a primary section rotatably coupled with and extending from the stationary portion, and an extension section selectively coupled with the primary section, wherein adjusting the position of the length adjuster includes moving the extension section between a nominal position, in which the rotatable portion extends the first length from the stationary portion, and an extended position, in which the rotatable portion extends a second length from the stationary portion, the second length being greater than the first length.

39. (Original) The method of claim 37, wherein the track is at least partially defined by the stationary portion, and adjusting the position of the length adjuster includes moving the length adjuster onto the part of the track defined by the stationary portion.

40. (Withdrawn) A tray for an image forming device, the tray comprising:
a rotatable member pivotally coupled to a housing;
a media supporting structure slidably mounted to the rotatable member; and
a length adjuster slidably coupled to the media supporting structure.

41. (Withdrawn) The tray of claim 40, further comprising:

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a stationary portion rotatably coupled to the rotatable member.

42. (Withdrawn) The tray of claim 41, wherein the length adjuster is slidably coupled to the stationary portion.

43. (Withdrawn) The tray of claim 42, wherein a linear path is defined along the rotatable member and the stationary portion and the length adjuster slides along the linear path.

44. (New) The input tray of claim 29, wherein the means for selectively maintaining is collectively defined by the stationary portion and the rotatable portion.